A METHOD AND APPARATUS FOR GENERATING MINIMAL NODE DATA AND DYNAMIC ASSERTIONS FOR A SIMULATION

Abstract

A system for tracing a simulation design involves an encoded assertion asserting a value of a node of the simulation design at a point in a simulation, a fanin cone detection facility configured to obtain a fanin cone for the encoded assertion, a waveform trace facility configured to obtain waveform data including a history of signal values for the node, and a simulation toolkit configured to obtain node data using the fanin cone and the waveform data.

51057_2